Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|--|
| 10/664,966              | NAKAMURA ET AL.                         |  |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |  |  |

| / | Rejected | _ | (Through numeral)<br>Cancelled |
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| П | Allowed  | + | Restricted                     |

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| Cla      | aim      | Date     |           |          |          |          |          |          |          |        |       | Claim    |          | Date            |          |                    |          |        |              |  |          | Cla      | aim               | Date       |          |          |              |                    |           |           |   |          |          |
|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|--------|-------|----------|----------|-----------------|----------|--------------------|----------|--------|--------------|--|----------|----------|-------------------|------------|----------|----------|--------------|--------------------|-----------|-----------|---|----------|----------|
| Final    | Original | 12/13/06 |           |          |          |          |          | •        |          |        |       | Final    | Original |                 |          |                    |          |        |              |  |          |          | Final             | Original   |          |          |              |                    |           |           |   |          |          |
| 1        | 1        | ш        |           |          |          |          |          |          |          |        |       |          | 51       |                 |          |                    |          |        |              |  |          | Ĺ        |                   | 101        |          |          |              | $\Box$             |           |           |   |          |          |
| 2        | 2        | =        |           |          |          |          |          |          |          |        |       |          | 52       |                 |          |                    | $\Box$   |        |              |  |          |          |                   | 102        |          |          |              | $\Box$             |           |           |   |          |          |
| 2        | 3        | =        |           | $\dashv$ | _        |          |          | <u> </u> |          |        |       |          | 53       |                 |          | _                  |          | _ _    |              | $\sqcup$   | _        | L        |                   | 103        |          |          |              | $\Box$             |           |           |   |          |          |
|          | 4        |          |           |          |          |          |          | <u> </u> | _        |        |       |          | 54       |                 | $\Box$   | _                  | _        | 4      |              |  | _        | L        |                   | 104        |          |          | $\perp$      | $\perp$            |           | Ш         | $\Box$  |          | ᅵ        |
| 4        | 5        | =        | 4         | 4        | _        | Щ        |          | _        | _        |        |       |          | 55       |                 |          |                    |          | 4      | _            | 1 1  | _        | L        |                   | 105        |          |          | $\perp$      | _                  |           |           | $ \bot $  | _        |          |
| 5        | 6        | =        | $\Box$    | _        | -        |          |          | _        |          |        |       |          | 56       |                 |          | _                  | _        | 4      | _            | 4-4  |          | L        |                   | 106        | Ш        |          | 4            | 4                  | _         | _         | $\dashv$  |          | _        |
|          | 7        |          | -         |          |          |          |          |          | -        |        |       |          | 57       |                 | $\dashv$ | -                  | _        |        | 4            | $\perp \perp$                                    |          | L        |                   | 107        |          |          | 4            | 4                  | _         | $\dashv$  | _   | _        |          |
|          | 8        |          | -         | -        | $\dashv$ |          |          |          | <u> </u> |        |       |          | 58       | -               |          |                    | _        | +      | +            | ++   | —        | L        |                   | 108        |          | -        | 4            | $\dashv$           | -         | $\dashv$  | $\dashv$  | _        |          |
|          | 9<br>10  | _        |           | $\dashv$ | $\dashv$ | -        |          | _        |          |        |       |          | 59       | $\vdash$        | $\dashv$ | +                  | $\dashv$ | +      | -            | 1-1  |          | ŀ        |                   | 109        | $\dashv$ |          | +            | $\dashv$           | $\dashv$  |           | -   | 4        | $\dashv$ |
|          | 11       |          |           | $\dashv$ | $\dashv$ | -        |          |          |          |        |       |          | 60<br>61 | Н               | -        |                    | +        | -      |              | $\vdash$   | -        | ŀ        |                   | 110        |          | +        | +            | -                  | $\dashv$  | -         | $\rightarrow$                                     |          | -        |
| -        | 12       |          | $\dashv$  | $\dashv$ | $\dashv$ |          |          | $\vdash$ |          |        |       |          | 62       | Н               | $\dashv$ | -                  | $\dashv$ | +      | -            | ╁┼   | -        | ŀ        |                   | 111<br>112 | $\vdash$ | +        | +            | $\dashv$           | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 13       | _        | $\dashv$  | $\dashv$ | -        | -        | _        | -        |          |        |       |          | 63       | Н               | $\dashv$ | $\dashv$           | +        | +      | +            | ++   |          | ŀ        |                   | 113        |          |          | +            | $\dashv$           | $\dashv$  | $\dashv$  | $\dashv$  |          | $\dashv$ |
|          | 14       | _        | $\dashv$  | $\dashv$ | -        | -        |          |          |          | -      |       |          | 64       | Н               | $\dashv$ | -                  | +        | +      | +            | ╁╼╁  | -        | ŀ        |                   | 114        |          |          | +            | $\dashv$           | $\dashv$  | -         | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 15       |          | $\dashv$  |          | _        | $\dashv$ | $\vdash$ | Ė        | $\vdash$ |        |       |          | 65       | <del>   </del>  | +        | $\dashv$           | +        | +      | +            | +-+  |          | H        | $\dashv$          | 115        | ┝━╢      | -        | +            | $\dashv$           | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ |          |
|          | 16       |          | $\Box$    | _        | $\neg$   |          |          |          |          |        |       |          | 66       |                 | +        | _                  | -†-      |        | +-           | +  |          | ۲        |                   | 116        | $\dashv$ | +        | +            | +                  | 十         | $\dashv$  | 一   | $\dashv$ | $\dashv$ |
|          | 17       |          |           | ╛        |          |          |          |          |          |        |       |          | 67       | Н               | -        | _                  | +        | $\top$ | $\top$       |  |          | -        |                   | 117        |          | -        | $^{+}$       | $\dashv$           | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ |          |
|          | 18       |          |           |          | 目        |          |          |          |          |        |       |          | 68       | П               |          | _                  | $\top$   | $\top$ | 1            | 11   |          | ۲        |                   | 118        | $\neg$   |          | +            | 十                  | $\dashv$  | -         | $\dashv$  | 一        | ᅥ        |
|          | 19       | _        |           |          | コ        |          |          |          |          |        |       |          | 69       | П               | _        |                    | T        | $\top$ | 1            | 11   |          | r        |                   | 119        | $\neg$   | $\neg$   | $\dagger$    | $\dashv$           | $\dashv$  | $\dashv$  | 寸   | $\dashv$ | $\dashv$ |
|          | 20       |          |           |          | ヿ        |          |          |          | Г        | _      |       |          | 70       | П               |          | 十                  | _        | _      | $\top$       |  | <b></b>  | r        |                   | 120        |          |          | $\dagger$    | $\dashv$           | コ         |           | 一   | $\dashv$ |          |
|          | 21       |          |           |          | 寸        |          |          |          |          |        |       |          | 71       |                 | $\neg$   | $\top$             | 7        | _      | $\top$       | $\Box$   | $\neg$   | ۲        |                   | 121        | ı        |          | ✝            | $\neg$             | ヿ         | 一         |   | $\dashv$ | ╗        |
|          | 22       |          |           | $\Box$   |          |          |          |          |          |        |       |          | 72       | П               |          |                    | 十        | 十      |              | $\Box$   |          | r        |                   | 122        | $\neg$   |          | 7            | 寸                  | $\neg$    | $\dashv$  | ヿ   | $\neg$   | ᅱ        |
|          | 23       |          |           |          |          |          |          |          |          |        |       |          | 73       | П               |          |                    |          | 丁      | 1            | $\Box$   | 7        | 1        |                   | 123        |          | İ        | 7            | $\neg$             |           | $\neg$    | ヿ   | ヿ        | ヿ        |
|          | 24       |          |           |          |          |          |          |          |          |        |       |          | 74       |                 |          |                    |          |        |              |  |          | Γ        |                   | 124        |          |          |              | T                  | $\neg$    | 寸         | T   |          | ╗        |
|          | 25       |          |           |          |          |          |          |          |          |        |       |          | 75       |                 |          |                    |          | •      |              |  |          | Ĺ        |                   | 125        |          |          |              | $\Box$             |           |           |   | コ        | ヿ        |
|          | 26       | _        | _         | _        | _        | _        |          |          |          |        |       |          | 76       |                 |          |                    |          |        |              |  |          | L        |                   | 126        |          |          | Т            | $\Box$             | $\Box$    |           | $\Box$  |          |          |
|          | 27       |          | _         |          | _        |          | $\Box$   |          |          |        |       |          | 77       |                 | _        | _                  | _ _      | _ _    |              |  | _        | L        |                   | 127        |          |          | $\perp$      | $\perp$            |           |           |   |          |          |
|          | 28       |          | _         | 4        | 4        | _        | _        |          |          |        |       |          | 78       |                 | _        | $\perp$            | $\perp$  | _      |              |  | _        | L        |                   | 128        |          | $\perp$  | 4            | <u>.  </u>         | $\perp$   | _         | _   | $\Box$   |          |
| $\vdash$ | 29       |          | _         | 4        | _        | _        | $\dashv$ |          |          |        |       |          | 79       |                 | _        | _                  | _        | _      |              | $\bot$   | _        | L        |                   | 129        | $\dashv$ |          | 4            | $\dashv$           | _         | $\dashv$  | $\dashv$  | _        | _        |
|          | 30       |          | _         | 4        | _        |          | _        |          |          |        |       |          | 80       |                 | $\dashv$ |                    | $\perp$  | 1      |              | $\sqcup$   | _        | L        | $\longrightarrow$ | 130        | $\dashv$ |          | _            | 4                  | $\dashv$  | _         | _   | _        | _        |
| -        | 31       | _        |           | -        |          |          | -        |          |          |        |       |          | 81       | $\square$       | 4        | -                  | 4        | +      | -            | -  | _        | L        |                   | 131        |          |          | 1            | 4                  | $\dashv$  | _         | _   | _        | 4        |
| -        | 32<br>33 | -        | -         | -        | $\dashv$ |          | $\dashv$ | -        | _        |        |       |          | 82       |                 | -        | -                  |          | +      | -            | $\vdash$   |          | ŀ        |                   | 132        | _        | -        | 4            | $\dashv$           | $\dashv$  |           | $\dashv$  | $\dashv$ |          |
| $\vdash$ | 34       | _        | -         | -+       | -        | $\dashv$ | -        |          |          | _      |       |          | 83       |                 | -        | +                  | +        | +      | _            |  | -        | H        |                   | 133        |          |          | +            | -                  | -         | $\dashv$  | -   | $\dashv$ | ᅴ        |
| $\vdash$ | 35       | -        | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ | $\vdash$ | $\vdash$ | _      |       |          | 84<br>85 | $\vdash$        | $\dashv$ | +                  | +        | +      | +            | ╁┼┼  |          | -        |                   | 134<br>135 | $\dashv$ | +        | +            | $\dashv$           | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ |          |
| -        | 36       | -        |           | -+       | $\dashv$ | -        | -        |          |          |        |       |          | 86       | $\vdash \vdash$ | $\dashv$ | $\dashv$           | +        | +      | +-           | ┼  | $\dashv$ | 1        |                   | 136        | $\dashv$ | +        | +            | +                  | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ |
| -        | 37       | -        | $\dashv$  | -        | +        |          | -        | $\vdash$ |          |        |       |          | 87       | -               | $\dashv$ | +                  | +        | +      | +            | +  |          | 1        |                   | 137        | $\dashv$ | -+-      | +            | +                  | +         | $\dashv$  | -   | $\dashv$ | $\dashv$ |
| $\vdash$ | 38       | -        | $\dashv$  | -+       | $\dashv$ | ᅱ        | -        | $\vdash$ | $\dashv$ |        |       |          | 88       | $\dashv$        | $\dashv$ | +                  | +        | +      | +            | <del>                                     </del> |          | $\vdash$ |                   | 138        | -        | $\dashv$ | +            | +                  | -         | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ |
| $\vdash$ | 39       | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | -        | $\neg$ |       | -        | 89       | -               | $\dashv$ | +                  | ╁        | ╅      | +-           | +-+  | -        | ┝        |                   | 139        | -        | -        | +            | +                  | $\dashv$  | -+        | $\dashv$  | +        | $\dashv$ |
| $\vdash$ | 40       |          | $\dashv$  | 十        | ┪        | $\dashv$ | -        | $\dashv$ |          |        |       | $\dashv$ | 90       |                 | $\dashv$ | +                  | +        | +      | +            | $\vdash$   |          | ۲        |                   | 140        | -        | $\dashv$ | +            | +                  | $\dashv$  | $\dashv$  | +   | $\dashv$ | $\dashv$ |
|          | 41       |          | $\dashv$  | $\neg$   | $\dashv$ | 1        | 寸        |          | $\neg$   |        |       |          | 91       | $\vdash$        | $\dashv$ | +                  | 十        | +      | +            | 1 +  |          | ۲        |                   | 141        | 寸        | +        | +            | 十                  | $\dashv$  | $\dashv$  | +   | $\dashv$ | $\dashv$ |
| $\Box$   | 42       |          | $\neg$    | 7        | 7        |          | T        | $\neg$   | $\neg$   | ٦      |       |          | 92       |                 | 7        |                    | $\top$   | -      |              |  | ١!!!     | ۲        |                   | 142        | $\neg$   | $\dashv$ | +            | 十                  | 十         | $\dashv$  | 十   | 十        | $\dashv$ |
|          | 43       |          | $\exists$ | _        | 7        |          |          |          |          |        |       |          | 93       | T               | T        | _                  | 1        | 1      | $\top$       | $\Box$   | 7        | ۲        |                   | 143        | $\neg$   |          | +            | $\dashv$           | $\dashv$  | 十         | $\dashv$  | 十        | $\dashv$ |
|          | 44       |          | 丁         |          |          |          |          |          |          | _      |       |          | 94       |                 | T        | $\top$             | 十        | 1      | 1            | $\sqcap$   | 7        | ۲        |                   | 144        | $\neg$   |          | $\top$       | 十                  | 十         | $\dashv$  | $\dashv$  | 寸        | $\dashv$ |
|          | 45       |          | $\Box$    |          |          |          |          |          |          |        |       |          | 95       |                 |          |                    |          | $\top$ | T            |  |          | Γ        |                   | 145        |          |          | T            | 十                  | $\dashv$  | $\neg$    | 寸   | 寸        | $\neg$   |
|          | 46       | ╝        |           |          |          |          |          |          |          |        |       |          | 96       |                 |          |                    | J        |        |              |  |          | Γ        |                   | 146        | $\Box$   |          | T            | $\top$             | $\dashv$  | $\dashv$  | $\top$  | $\dashv$ | $\neg$   |
|          | 47       |          | $\Box$    | $\Box$   | J        |          |          |          |          |        |       |          | 97       |                 |          | $oldsymbol{\perp}$ | I        | I      | $oxed{\Box}$ |  |          |          |                   | 147        |          |          |              | 丁                  | $\Box$    |           | 丁   |          | $\Box$   |
| $\sqcup$ | 48       | $\Box$   | $\Box$    | $\perp$  | _[       | _[       | $\Box$   |          |          |        | ::::[ | ]        | 98       |                 | $\perp$  | $oldsymbol{\perp}$ |          |        |              |  |          |          |                   | 148        |          |          | $oxed{oxed}$ | $\Box$             | $\Box$    | $\Box$    | $\Box$  |          |          |
|          | 49       | _        | _[        |          | $\perp$  | _        |          |          |          |        |       |          | 99       |                 | $\perp$  | $\Box$             | $\perp$  |        |              |  |          |          |                   | 149        |          |          | I            | $oldsymbol{\perp}$ | $\Box$    | $\Box$    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |          |
| $\Box$   | 50       |          |           |          |          |          |          |          |          |        |       |          | 100      |                 | $\perp$  |                    |          |        |              |  | _];;;;   | Ĺ        |                   | 150        | $\Box$   |          |              | $\perp$            | $oxed{J}$ | $oxed{J}$ |   | $\Box$   |          |